

AMENDMENTS TO THE SPECIFICATION

In the Specification:

Please **AMEND** the specification as shown in the following marked up paragraph, which shows changes made relative to the immediate prior version.

Please **AMEND** the paragraph beginning on page 6, line 16 as follows:

Next, the emitters 12 are formed on the plurality of line patterns of the cathode electrode
~~16~~ 6. Preferably, the emitters 12 are formed through a screen-printing process using a metal
mesh screen. That is, a mesh screen formed of a stainless wire and paste for the emitters are first
prepared. Preferably, the paste is composed of carbon nanotube powder, binder, vehicle that is
dissolved in a liquid state at a high temperature and solidified by a backing process, and a
solvent. Further preferably, as the binder, vehicle and the solvent, used are respectively ethyl
cellulose, glass powder and terpineol.